

REMARKS

New independent claims are submitted herewith to capture the subject matter that the examiner has determined as being allowable. Concurrently therewith, the objections that were raised with respect to the informalities in claims 1 and 2 have been overcome by cancellation of claim 1 and amendment of claim 2.

The applicants now rely on independent claims 18 and 19 as being patentable over the cited and applied references, namely the patents to Teh et al and Sonderman et al. Neither of these references suggests electrodepositing conductive copper metal from an acid copper bath into said hole using the conductive metal core as a cathode to build the copper deposit from the core surface, whereby the copper has a nearly equiaxial fine grained structure, an elongation between about 10% and about 20%, and an ultimate tensile strength of between about 30,000 psi and about 50,000 psi (Claim 18). Furthermore, neither of them disclose or suggest the step of imparting a rough surface to the top of the filled landless via (Claim 19).

SUMMARY

The claims herein presented are two new independent claims containing patentable subject matter, or depend from one of these new claims. Accordingly, applicants respectfully submit that this amendment places the application in condition for immediate allowance.

Accordingly, applicants respectfully request that the examiner allow the claims as now worded.

Respectfully submitted,

Date: January 6, 2005

JAL:cg

By: James A. Lucas
James A. Lucas, Reg. No. 21,081
Driggs, Lucas, Brubaker & Hogg Co., L.P.A.
CUSTOMER NO. 26681